

Manhole Inspection Summary

Manhole # S63M__015MH

Printed On: 9/17/2009

Page 1 of 6

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **63M** Node: **015** Status: **Found**

Insp Date: **5/1/08 11:54 PM**

Incomplete Comments

Crew: **MM, AA**
Inspector: **MikeMixer**
Firm: **RJN**

Location Address: **5423 Interstate Ave.**

Cross Street: **O'Donnell St.**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments

Cover

Shape: **Circular**

Diameter: **30** (in.) Length: (in.) Dist A/B Grade: **0.5** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **8** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **D-Shape**

Diameter: **48** (in.) Length: **60** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **7** Missing: **0** ☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S63M__015MH

Printed On: 9/17/2009

Page 2 of 6

Location View



Top View



O12

Defect 3



Loose bricks under frame

Defect 2



Cracked pipe seal 10:00-11:00 incoming 1 o'clock

Defect 4



Cracked pipe seal 11:00-1:00 incoming 6 o'clock

Defect 7



Roots medium 7:00-10:00 on incoming 1 o'clock. These have occurred since a prior visit.

Defect 4



evidence of infiltration under manhole cover

Manhole Inspection Summary

Manhole # S63M__015MH

Printed On: 9/17/2009

Page 4 of 6

21 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **20.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **13.38** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

4 in. Circular Gravity Sewer
Pipe In @ 1 O'Clock

1 O'Clock Inflow



Pipe Height: **2.4** (in.) Rod Only
Pipe Material: **PVC** ☐ Pipe Lined
Invert Depth: **1.83** (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S63M__015MH

Printed On: 9/17/2009

Page 5 of 6

6 in. Circular Gravity Sewer

2 O'Clock Inflow

Pipe In @ 2 O'Clock



Pipe Height: **9.6** (in.) Rod Only (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **4.00** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: Inside	Rod and Bar
Angled: Yes	Reading: 10.67 (ft.)
	Inv Depth: 11.67 (ft.)
Drop Condition: Open	

Connects To: **Connecting Node Not Available**

☒ Possible Illicit Connection

21 in. Circular Gravity Sewer

5 O'Clock Inflow

Pipe In @ 5 O'Clock



Pipe Height: **21.6** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **12.92** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: None

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S63M__015MH

Printed On: 9/17/2009

Page 6 of 6

21 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: **20.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **13.33** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection